

Notice of Allowability

Application No.

10/614,329

Examiner

Anjan K. Deb

Applicant(s)

POULBOT ET AL.

Art Unit

2858

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to amendment filed 4/18/2005 and interview summary 6/7/2005.
2. ☒ The allowed claim(s) is/are 25-45.
3. ☒ The drawings filed on 08 July 2003 are accepted by the Examiner.
4. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☒ All b) ☐ Some* c) ☐ None of the:
 1. ☒ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- | | |
|---|--|
| 1. <input type="checkbox"/> Notice of References Cited (PTO-892) | 5. <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 6. <input checked="" type="checkbox"/> Interview Summary (PTO-413),
Paper No./Mail Date <u>6/7/2005</u> . |
| 3. <input type="checkbox"/> Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date _____ | 7. <input checked="" type="checkbox"/> Examiner's Amendment/Comment |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit
of Biological Material | 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance |
| | 9. <input type="checkbox"/> Other _____ |

DETAILED ACTION

1. This office action is in response to amendment filed 04/18/2005 and interview summary 6/7/2005.

Examiner's Amendment

2. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview (see attached) with attorney of record Alan E. Kopecki on 6/7/05.

The application has been amended as follows:

Replace the abstract with following new abstract:

Abstract

A method and a device for evaluating the deformations or forces to which a structure having an elastomeric body (2) is subjected. The device includes a dipole (6), the dielectric (3) of which is formed by the elastomeric body, and an electronic analyzing circuit sensitive to a

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variation of a capacitive characteristic of the dipole caused by the deformations of the elastomeric body. In particular, but not exclusively, the invention relates to a device for evaluating the forces to which a pneumatic tire is subjected when rolling, as it passes through the contact area. The invention applies similarly in other structures having an elastomeric body, such as, for example, the elastomeric joints intended for the chassis system of vehicles.

In claim 25, add at the end after "tire", --wherein the resistivity of said elastomeric body being greater than $10^{13} \Omega \cdot \text{cm}$ --

In claim 26, delete, -- the resistivity of said elastomeric body being greater than $10^{13} \Omega \cdot \text{cm}$ --

In claim 28, add at the end after "deformations", --wherein the resistivity of said elastomeric body being greater than $10^{13} \Omega \cdot \text{cm}$ —

In claim 29, delete, -- the resistivity of said elastomeric body being greater than $10^{13} \Omega \cdot \text{cm}$ --

Allowable Subject Matter

3. Claims 25-45 are allowed.

Reasons for Allowance

4. The following is an examiner's statement of reasons for allowance:

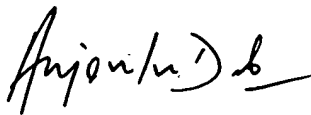
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The primary reason for allowance of the claims is the inclusion of a device for evaluating tire deformations comprising a dipole having filar electrodes, and the dielectric of said dipole is formed by an elastomeric body, wherein the resistivity of said elastomeric body being greater than $10^{13} \Omega \cdot \text{cm}$.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Contact Information

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Dr. Anjan K. Deb whose telephone number is 571-272-2228. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Lefkowitz Edwards can be reached at 571-272-2180.



Anjan K. Deb
Patent Examiner
Art Unit: 2858
6/7/05

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